

# WHAT'S NEXT?



*Innovation, Quality, Expertise, Efficiency*

## CL102B Bluetooth Cabinet Lock

The BSI CL102B Bluetooth Cabinet Lock provides security and access control for a wide variety of cabinets and drawers, storage lockers and more. CL102B works in both Android and iOS smart phones.

- **Multiple Access**

CL102B has 3 access solutions, Bluetooth, Touch to open, and Key Override for your convenience

- **Bluetooth**

Download our APP from iOS or Android smart phone. Use your phone for keyless convenience and secure access

- **Mechanical Key Override**

It can also be unlocked with a mechanical key



### Application

#### Home Parcel Box

The modern e-commerce allows us to order anything from different websites, but we are always on duty during the delivery time, we worry about there might be a thief may steal our parcel when the deliveryman place it in front of our doors.

Parcel Lock Solution provides a safety and convenient parcel storage method, which allows deliveryman to open the parcel box by entering a one-time password into the mobile phone, and notice the consigner that the parcel has delivered. We can open our parcel box when we come home through a paired mobile phone.

#### Commercial Logistic Locker

Commercial Logistic Locker Solution provides a self-service parcel delivery service, customers can select any Locker location as their delivery address, and retrieve their orders at that location by entering a unique pick- up code on the mobile phone.

Customers can also return the orders through the Locker, the delivery man will retrieve the order back to the warehouse for inspection.

### Specifications

<b>Dimensions</b>	35 x 125 x 20mm	<b>Input Voltage</b>	5VDC
<b>Bolt Materials</b>	Zinc Alloy	<b>Working Current</b>	1A
<b>Door Thickness</b>	< 2cm	<b>Batteries</b>	2 x AA batteries
<b>Cylinder Diameter</b>	2cm		

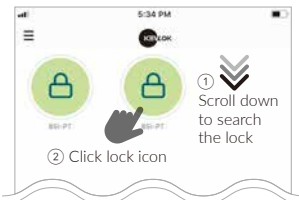
## BLUETOOTH APP

### Initial Match

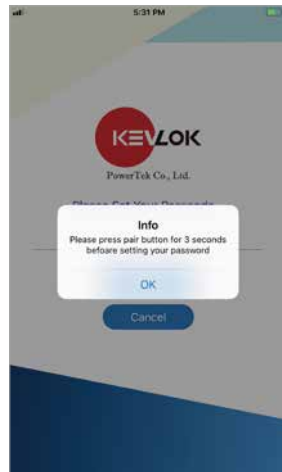
1 Put on batteries



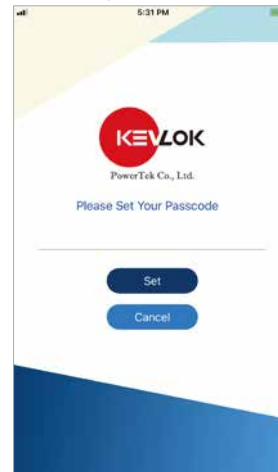
2 Getting start and search the lock



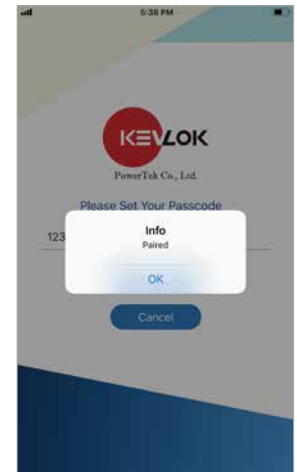
3 Press reset button 3 second on lock side



4 Type password with 4 digits



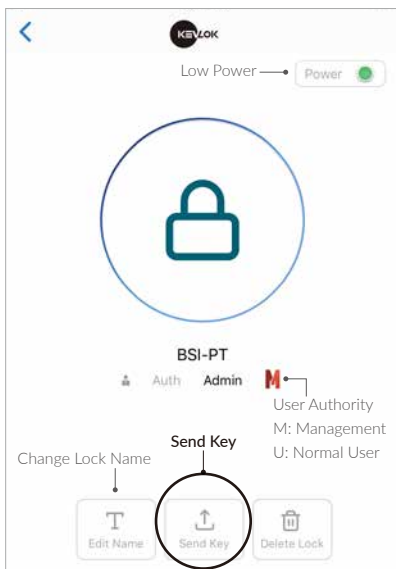
5 Match successfully



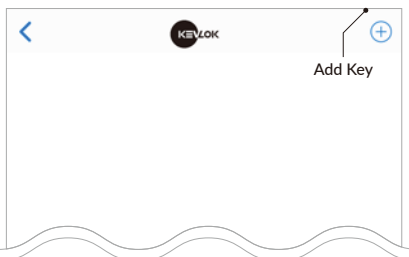
### How to Release A Key Via App

You can share the key to your family member, friends or visitors so they can access the same lock by using their own smart phone.

1 Click "Send Key"



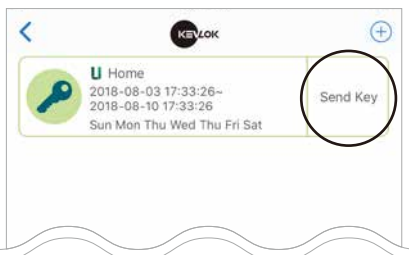
2 Click "+" at the upper right corner



3 Enter the required information



4 Click "Send Key"



5 Choose a method to release key



### Set Up the Key

Follow below steps to set up the key after receiving the key code.

1 Search lock



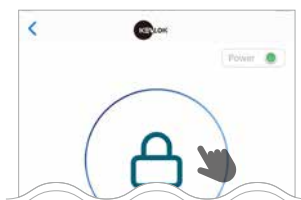
2 Copy and paste code



3 Click the lock you want to open

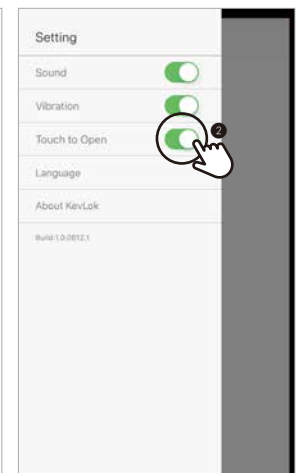


4 Click to unlock



### Touch to Open

Turn on "Touch to Open" to use the function.



# POWERJACK A Brilliant Way for Power Transfer

## Wireless Power Solution

- POWERJACK is BSI's new innovation patented product.
- New technology wireless power supply and signal transmission effectively solve the traditional electronic locks power supply and access control system wiring problems.
- Environmental protection and energy saving device, to avoid the waste caused by tradition cabling way and to minimize the usage of disposal batteries.
- The only solution providing smart control, economic power supply, environmental protection and energy saving.



## Features

### Two-way transmission

- POWERJACK is the only power supply solution that can do two-way transmission.
- It provide electric lock's monitoring signal back to the control system.
- Gate monitoring signal with lock signal, assured lock's situation.
- Output status signal instantly master POWERJACK performance and convenience maintenance.
- Two sets of exit switch timers for flexible selection of a short time or a long time to unlock door.

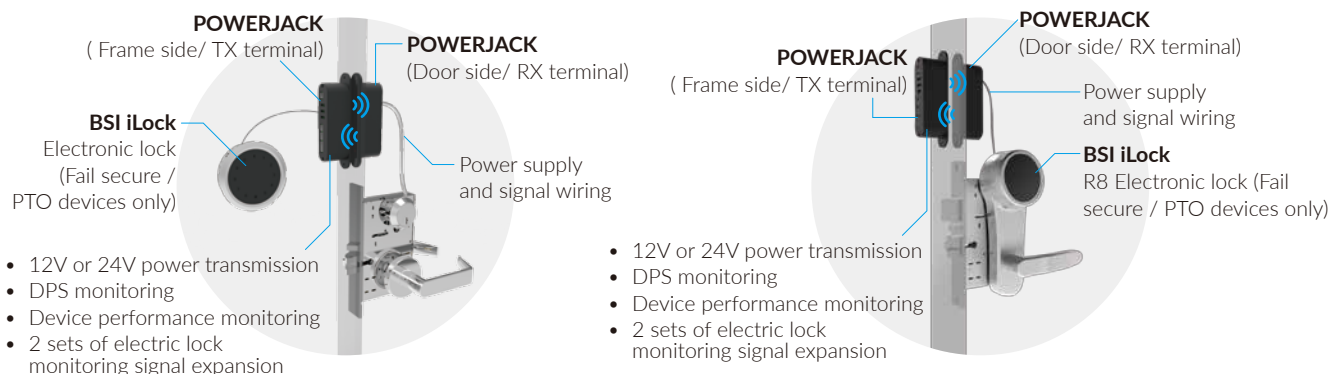
### Easy to install

- POWERJACK is the only power supply that able to narrow the panel to 25mm. Meet the European standard locks with minimum door width without subject to door restriction.
- The only power supply that able to work on a gap up to 7mm between door and frame.
- Minimum space is needed - Tiny design suitable for narrow space and allows horizontal dislocation up to 2mm and vertical dislocation up to 2mm when door gap is in 5mm range.
- Flexibility – It can be install o hinge side, latch size or on the top of door.
- For all kinds of doors – wooden door, aluminum or steel door.

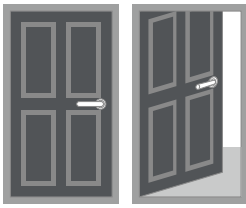
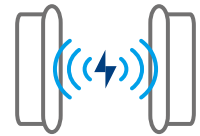
### Easy to maintain

- Time/ cost effective – No longer require door drilling.
- Integrated solutions to replace traditional wire protection tube, transmission hinges, door devices and other related accessories.
- Equipped with two sets of door closing timer – fix timer and adjustable timer.
- BSI electronic lock can solve the trouble of battery replacement, battery leakage and the risk of traditional motor failure.

## PERFORMANCE DIAGRAM



# POWERJACK-STA



## Door Position Status

- Provide 2 x DI (Door Side) & 4 x DO (Frame Side)
- 2 sets of door closing timer
- Status indicator light



## Power Supply Wirelessly

- Works on a gap space up to 7mm between each unit
- Allow with horizontal dislocation up to 2mm, vertical dislocation up to 2mm

For all kinds of doors: Wooden door, aluminum or steel door.

- Minimal maintenance - no other exposed moving parts
- Flexible - It can be install on hinge side, latch side or on top of door
- Time/ cost effective - no longer require door core drilling

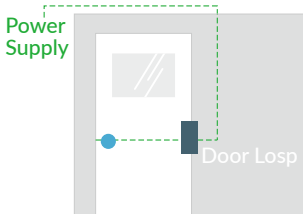
## REX Signals

- Fail secure / PTO devices only, not for fail safe / PTL application
- Dual voltage selectable power output 12 VDC or 24 VDC

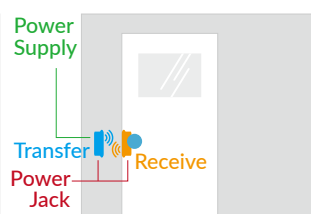


## Swing door

Traditional Installation

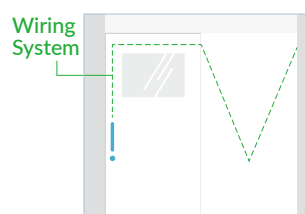


Our solution

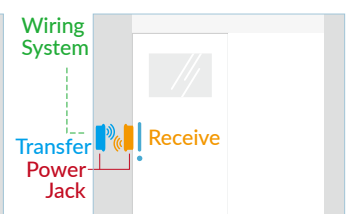


## Slide Door

Traditional Installation



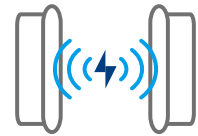
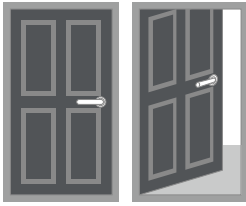
Our Solution



## Specifications

<b>Dimensions (Frame side &amp; Door Side)</b>	131 x 25 x 37 mm	<b>Output point (Frame/TX side)</b>	4 sets of outputs(2 sets of status output, 2 sets of extension output) 1. Door position signal 2. Device status signal 3. Lock signal output 4. Lock signal output
<b>Applicable to electronic lock specifications</b>	Fail Secure (Mortise lock, Cylindrical, electric strike, electric bolt lock...)	<b>Input point (Door/RX side)</b>	2 sets of extended output 1. Lock signal input 2. Lock signal input
<b>Power output (switchable)</b>	500mA @ 12VDC / 250mA @ 24VDC	<b>LED status indicator</b>	Bi-Color LED (Frame/TX side)
<b>Installation allowable range</b>	Installation allowable range Max. Door Gap: 7.0 mm (perfect alignment: 5mm); horizontal dislocation: <2mm; vertical dislocation <2mm (when door gap less than 5mm)	<b>Operating Temperature</b>	-20°C~60°C
<b>Input point (Frame/TX side)</b>	2 sets unlock timer 1. 4sec 2. 3~90 sec		

# POWERJACK-STB



## Door Position Status

- Provide 1 x door status (Door Side) & 1 x error status (Frame Side) out put
- Second Power Source at door side
- Status indicator LED for both side

## Power Supply Wirelessly

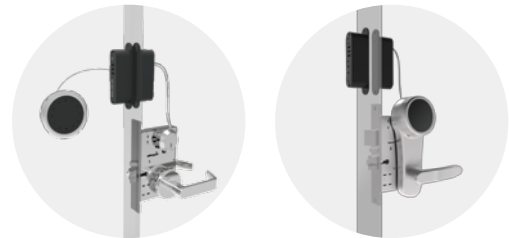
- Works on a gap space up to 7mm between each unit
- Allow with horizontal dislocation up to 2mm, vertical dislocation up to 2mm

For all kinds of doors: Wooden door, aluminum or steel door.

- Minimal maintenance - no other exposed moving parts
- Flexible - It can be install on hinge side, latch side or on top of door
- Time/ cost effective - no longer require door core drilling

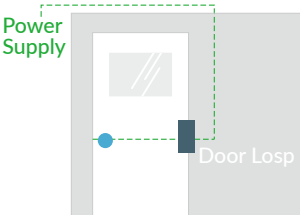


- Low standby current electronic lock application. It can operate lock / unlock action
- Power output 12VDC/ 500mA
- Smart monitoring: overheating, low current, metal part interference – error status output

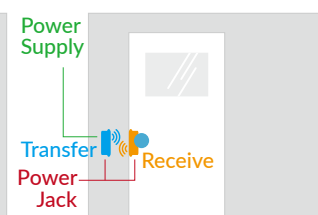


## Swing door

Traditional Installation

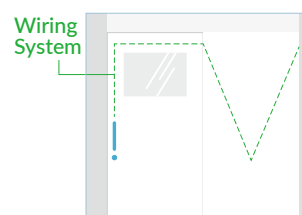


Our solution

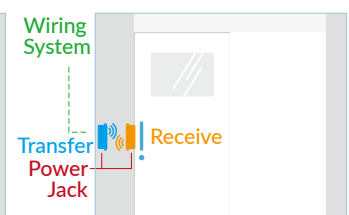


## Slide Door

Traditional Installation



Our Solution



## Specifications

<b>Dimensions (Frame side &amp; Door Side)</b>	195 x 25 x 30mm (Frame side-Send) 195 x 25 x 48mm (Door Side-Receive)	<b>Output point (Door/RX side)</b>	DOx 1 solid state relay, 60V 200mA Door status (NO) 1. Lock signal output 2. Lock signal output
<b>Applicable to electronic lock specifications</b>	Low standby current electronic lock application, operate lock/ unlock action. (Max. current 30mA)	<b>Output point (Frame/TX side)</b>	DOx 1 solid state relay, 60V 200mA Error status (NO)
<b>Power output (switchable)</b>	500mA@12VDC	<b>LED status indicator</b>	Bi-Color LED @ Frame Side Red Color LED @ Door Side
<b>Installation allowable range</b>	Max. Door Gap: 7.0 mm (perfect alignment: 5mm); horizontal dislocation: <2mm; vertical dislocation <2mm (when door gap less than 5mm)	<b>Operating Temperature</b>	-20°C~60°C
<b>Second Power Source</b>	Li-ion battery 7.2V 1000mAh (at door side)		



# MT6985S EN Electromechanical Lock

## Compliance with EN standards

**EN 179:2008** - Emergency exit

**EN 1634-1:2014** - Fire rated up to 4 hours

**EN 12209:2003/ AC:2005** -

Building hardware. Lock and latches.  
Mechanically operated locks, latches,  
and locking plates

**EN 14846:2008** -

Building hardware. Lock and latches.  
Electromechanically operated locks, latches,  
and locking plates

## Application

BSI EN Electromechanical Lock MT6985S consists the range of comprehensive functions that meet most security and locking application. This lock is suitable to be used in commercial or office buildings, public buildings and hotel.

Typical applications are:

- Hotel Room
- Monitoring Door
- Office Door
- Security Door
- Private Door

The lock can meet various area and function requirements. Optional solenoid and motor for multi-usability. Easy egress from inside whilst maintaining outside security.

## Features

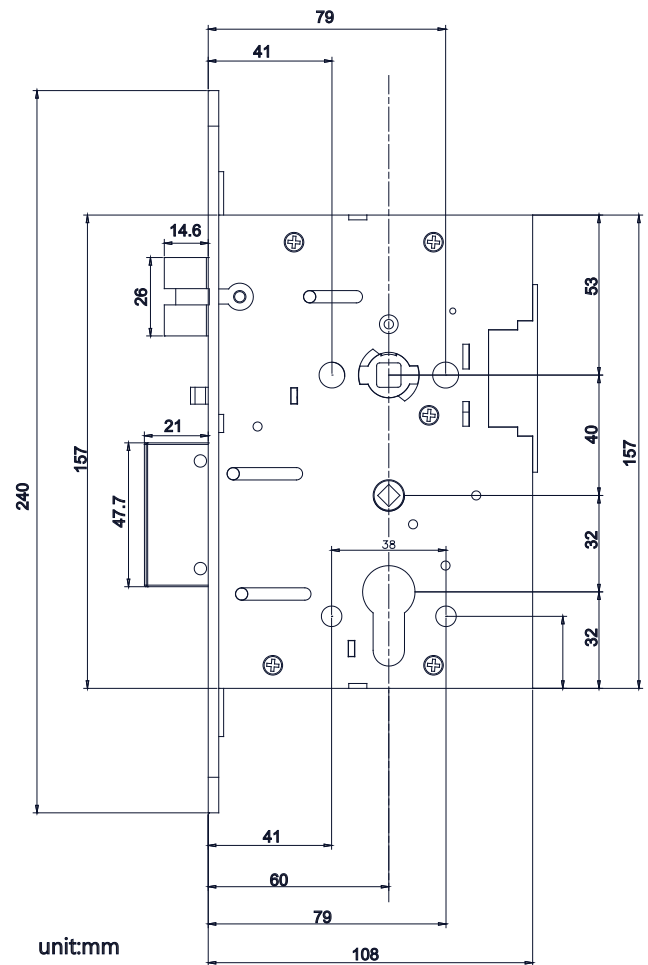
- Interchangeable handing
- Field selectable Fail Safe / Fail Secure configuration
- Field selectable operating voltage: 12/ 24 VDC
- Self-locking: Dead bolt throws out automatically when the door closed.
- Secured locking: in the locked state the dead bolt is thrown out and the latch need to be locked in position. Door secured locking in two points.



## Specifications

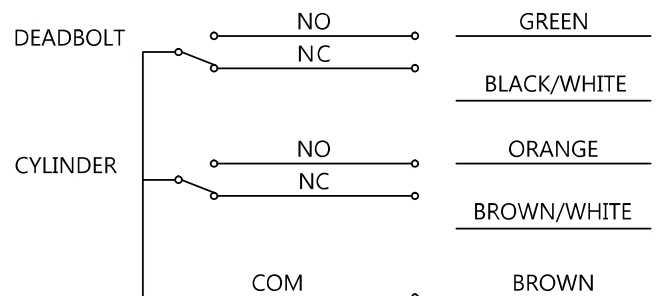
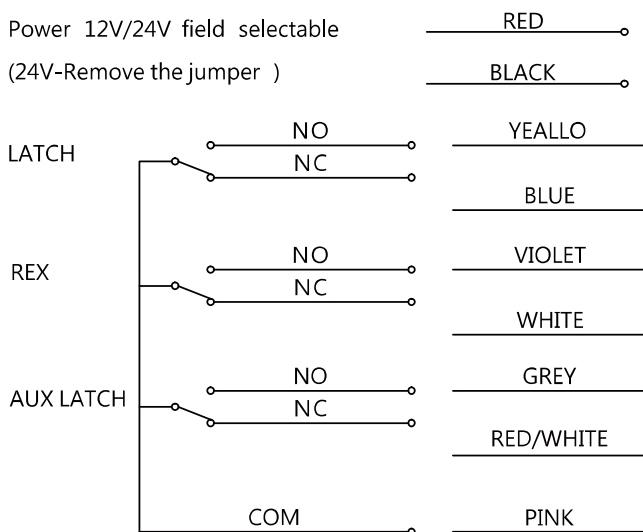
<b>Operation Voltage</b>	12VDC/ 24VDC
<b>Current</b>	Max 0.6 (12VDC), 0.3(24VDC)
<b>Operation Temperature</b>	-20°C ~ 60°C
<b>Bolt Throw</b>	21mm (Deadbolt), 14.6mm (Latch bolt - handy field adjustable)
<b>Backset / Cylinder to Handle</b>	60mm/ 72mm
<b>Forend</b>	24mm
<b>Handle Spindle</b>	8mm
<b>Finish</b>	Satin Stainless Steel
<b>Settable Function</b>	Mechanical function - handing of trigger bolt, electrically controlled side
<b>Electrical Function</b>	Fail Secure / Fail Safe
<b>Monitoring Outputs</b>	a. Latch b. Auxiliary Latch c. Deadbolt d. Cylinder e. Request-to-Exit

## Integrated Connector



## Wiring Diagrams

Power 12V/24V field selectable  
(24V-Remove the jumper )





## CL101 Programmable Keyless Cabinet Lock



The BSI CL101 Battery Powered Keyless Cabinet Lock provides an easy, economical solution for security and keyless access control for a wide variety of cabinet doors, drawers, storage lockers and more. Quickly and easily add/delete up to 30 individual user PIN codes with programmable keypad. Powered by 2 x AAA batteries, the need for low voltage wiring is eliminated.



### Features

- For new installations or retrofit of existing manual cam lock prep
- Vertical or horizontal keypad mounting
- Multiple locking cam positions, Left/ Right, Bottom
- Programmable Multiple User Mode or 1-Time Use Mode
- 1 Master Code: Full programming and control capabilities
- 1 Sub-Master: Limited programming for user codes, maintained unlock, unlock time only
- 30 user, 4-6 digit PIN codes, must be same length as Master Code. Field optional user changeable PIN
- Unlock time programmable from 1 to 9 sec. Factory default 3 sec.
- Red/ Blue bi-color LED
- Keypad tamper lockout: Inoperable for 10 seconds after 3 incorrect code entries
- 2 x AAA batteries (included), up to 15,000 operations
- Concealed manual key cylinder (replaceable), 2 keys, battery failure override
- Battery failure override, apply 9V battery to external contacts, enter master code
- 2 programmable application modes
  - a. Multiple User Mode: Normally locked, up to 30 assigned user PIN codes. Authorized code entry releases lock for 1 to 9 seconds
  - b. 1-Time Use Mode: For temporary/ rotating user applications. Normally unlocked, new user enters a code to lock. Re-enter same code to unlock and erase code. The next user repeats operation

## Application

The BSI CL101 battery powered keyless entry cabinet lock provides security and access control for indoor commercial and residential, metal and wood Cabinetry, Files, Desks, Lockers, Electrical Enclosures, Display Cases and Portable Carts. The BSI CL101 is designed for new or retrofit Cam Lock compatible doors and drawers. Security, access control and keyless entry applications include:

- Retail and Museum: Display cases, cabinets
- Laboratory, Healthcare, Pharmaceutical: Files, cabinets, lockers and carts
- Businesses and Schools: Office, kitchen and bathroom cabinets, file cabinets, desk drawers, lockers and carts
- Industrial/Manufacturing: Metal and wood cabinetry for tools, supplies, inventory, hazardous material storage
- Residential: Cabinetry, closets, desks and files
- Law Enforcement: Firearm, evidence lockers, cabinets, desk drawers
- Rack / Cabinets: Servers, LAN, HVAC, communications
- Electrical/Equipment Enclosures: Hinged electrical cabinets, NEMA, floor and wall mount
- Security Equipment: Key control cabinets, alarm and power supply cabinets
- Console Cabinets: Security/CCTV, guard console station/cabinet

## Programming Functions Overview

- Change Master Code / Code Length: Performs all program functions
- Select Operation Mode
- Delete ALL User Codes
- Reset to Factory Settings
- Add / Change / Delete Sub-Master Code: Performs following programs only
- Set Unlock Time
- Add / Change User Code
- Suspend / Restore User Code
- Suspend / Restore ALL User Codes
- Enable / Disable Maintained Unlock Mode

## Specifications

<b>Supplied Locking Cams</b>	(A) 1-1/2" from spindle centerline (B) 1" from spindle centerline	<b>Hole Required for Spindle</b>	15/16" diameter
<b>Door Thickness</b>	Up to 3/4"	<b>Battery Powered</b>	2 x AAA Batteries
<b>Cam Mounting</b>	5/16" square spindle	<b>Dimensions</b>	4.75"H x 1.4"W x 0.8"D - 1.4"D w/Dial



### About BSI

We are confident that we are able to provide a complete solution for your building hardware needs at favorable pricing.

BSI Security Co., Ltd. is a California based Company with over 20 years experience as an OEM manufacturer for U.S. and international customers; our products and components can be found in thousands of buildings from schools to airports as well as high security and military facilities Worldwide. We specialize in the design and development of high quality Electro-mechanical building and security hardware and leverage many innovation patents.

BSI utilizes only high grade materials and the latest electronic technology to produce our 'State Of The Art' Products. All processes are regulated by stringent manufacturing procedures and ISO quality assurance programs.

Products are constructed to comply with and exceed NC, ANSI and BHMA standards and are typically UL listed and certificated to U.S. standards and beyond where required.

BSI has many years of product R&D and design experience and a long list of successful products with proven reliability. We provide a complete concept to product development solution.



2012 Concours Lepine



2012 Archidex





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